

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	13	("20030175067"   "3687348"   "4318513"   "5188010"   "5197262"   "5433430"   "5695185"   "5769302"   "5848345"   "6217692"   "6425969"   "6446789"   "7361246").PN.	US-PGPUB; USPAT	OR	OFF	2010/04/21 22:09
S2	17	("3334723"   "4319675"   "4572350"   "4986730"   "5112041"   "5323892").PN. OR ("5433430").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/21 22:27
S3	22	("2823788"   "3758104"   "4085839"   "4527792"   "4607743"   "4928807"   "4955965"   "4967899"   "5012915"   "5056772"   "5090683"   "5114137"   "5180154"   "5180159"   "5188355"   "5282528"   "5318285"   "5333851"   "5362039"   "5413326").PN. OR ("5695185").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/21 22:31
S4	95	("1881895"   "2254290"   "3181685"   "3279290"   "3303923"   "3456773"   "3907128"   "4380332"   "4477066"   "4527792"   "4572350"   "4726461"   "4879571"   "4909374"   "4986730"   "5048818"   "5112041"   "5433430"   "5597156"   "5833226").PN. OR ("3334723"   "4572350"   "5180154"   "6158735").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/22 11:47
S5	54	("20040104100"   "20040232056"   "20050077144"   "20050274589"   "3279583"   "3334723"   "3926298"   "3983988"   "4328889"   "4369873"   "4696386"   "4703844"   "4746003"   "4798275"   "5029693"   "5117961"   "5145049"   "5165516"   "5217103"   "5427223"   "5435429"   "5551543"   "5657858"   "5667054"   "5695042"   "5826695"   "5826704"   "5839570"   "5868238"   "5909797"   "5944171"   "5971132"   "5971133"   "6105751"   "6125765"   "6202825"   "6283271"   "6359247"   "6378687"   "6419074"   "6466828"   "6660953"   "6681917"   "6702095"   "6729617"   "6843365"   "6907978"   "6910567"   "7040477"   "7040478"   "7070478"   "RE37747").PN. OR ("7581632").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/22 12:08

S6	52	("1168865"   "3088581"   "3456773"   "3470668"   "3942624"   "4249661"   "4269305"   "4511030"   "4696386"   "4730718"   "4926999"   "4930623"   "4962841"   "5042644"   "5092451"   "5165516"   "5180504"   "5205394"   "5311983"   "5316134"   "5329800"   "5427223"   "5435429"   "5590995"   "5641056"   "5657858"   "5667054"   "5676237"   "5695042"   "5826695"   "5826704"   "5839570"   "5909797"   "5944171"   "5984498"   "6012568"   "6035998"   "6085892"   "6105751"   "6359247"   "6378687"   "6427831"   "6466828"   "6619465").PN. OR ("6843365").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/22 12:21
S7	52	("1168865"   "3088581"   "3456773"   "3470668"   "3942624"   "4249661"   "4269305"   "4511030"   "4696386"   "4730718"   "4926999"   "4930623"   "4962841"   "5042644"   "5092451"   "5165516"   "5180504"   "5205394"   "5311983"   "5316134"   "5329800"   "5427223"   "5435429"   "5590995"   "5641056"   "5657858"   "5667054"   "5676237"   "5695042"   "5826695"   "5826704"   "5839570"   "5909797"   "5944171"   "5984498"   "6012568"   "6035998"   "6085892"   "6105751"   "6359247"   "6378687"   "6427831"   "6466828"   "6619465").PN. OR ("6843365").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/22 12:35
S8	28	("3456773").URPN.	USPAT	OR	OFF	2010/04/22 12:41
S9	4	("3181685").URPN.	USPAT	OR	OFF	2010/04/22 12:43
S10	31	("3134476"   "3136430"   "3232409"   "3329251"   "3351217"   "3490573"   "3710917"   "3805954"   "4120629"   "4511030"   "4696386"   "4876664"   "5125783"   "5325972"   "5399531"   "5536128"   "5641056").PN. OR ("6085892").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/22 12:45
S11	200	(271/3.18,3.19).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2010/04/22 12:49
S12	2	("5026340").PN. OR ("6110088").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/22 12:55
S13	1	10/589153	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/22 13:04

S14	669	b65g047/53.ipc.	JPO	OR	OFF	2010/04/22 13:28
S15	1499	(198/689.1,457.01,457.03,575,605,606).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2010/04/22 16:07
S16	10	"4684008"   "4780041"   "5038918"   "5284003"   "5439096"   "5746303"   "6283694"   "7182334"   "7207558" "7467703").PN. OR ("7614491").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/22 16:10
S17	15	"1479866"   "2504948"   "2759283"   "3440974"   "3605980"   "3627108").PN. OR ("4619358").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/22 16:30
S18	1599	(271/225,184,69).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2010/04/22 17:21
S19	603	("0830196"   "1168865"   "1290862"   "1380691"   "1479866"   "1579545"   "1689201"   "1881895"   "1891782" "1965056"   "20040104100"   "20040232056"   "20050077144"   "20050077670"   "20050274589"   "2128316"   "2254290"   "2277511"   "2322190"   "2451424" "2468925"   "2504948"   "2617647"   "2753181"   "2754953"   "2759283"   "2937485"   "2948381"   "2969866" "3029923"   "3034634"   "3036691"   "3044772"   "3058565"   "3069786"   "3081996"   "3088581"   "3104004" "3134476"   "3136430"   "3138238"   "3174613"   "3181685"   "3182998"   "3198517"   "3202302"   "3225684" "3227275"   "3232409"   "3237753"   "3239676"   "3240491"   "3277846"   "3279290"   "3279583"   "3291282" "3303923"   "3329251"   "3334723"   "3343504"   "3351217"   "3355006"   "3361426"   "3395943"   "3414257" "3430784"   "3440974"   "3456773"   "3470668"   "3470997"   "3473800"   "3490573"   "3491903"   "3504784" "3523618"   "3527337"   "3561578"   "3592325"   "3599967"   "3605980"   "3608895"   "3627108"   "3636958" "3658322"   "3710917"   "3768630"   "3805954"   "3837466"   "3866906"   "3880298"   "3907128"   "3910402" "3912258"   "3926298"   "3942624"   "3973672"   "3977537"   "3983988"   "4006816"   "4014539"   "4031998" "4039074"   "4044897"   "4120629"   "4181947"   "4189273"   "4193491"   "4201377"   "4249661"   "4269305" "4270879"   "4311230"   "4319675"   "4328889"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/22 18:12

		"4330116"   "4369873"   "4372435"   "4380332"   "4399675" "4456242"   "4477066"   "4482142"   "4509732").PN. OR ("4511030"   "4522384"   "4527792"   "4538161"   "4565478"   "4566582"   "4572350"   "4598815"   "4610347"   "4629058"   "4679785"   "4696386"   "4703844"   "4724945"   "4726461"   "4730718"   "4732256"   "4738347"   "4746003"   "4747477"   "4747817"   "4760908"   "4768642"   "4792034"   "4798275"   "4842125"   "4876664"   "4879571"   "4909374"   "4925009"   "4926999"   "4930623"   "4932190"   "4953843"   "4962841"   "4986730"   "5012914"   "5026340"   "5029693"   "5042644"   "5048818"   "5083657"   "5092451"   "5112041"   "5117961"   "5125783"   "5145049"   "5165516"   "5180154"   "5180504"   "5205394"   "5217103"   "5275272"   "5287956"   "5311983"   "5316134"   "5323912"   "5325972"   "5329800"   "5333715"   "5333722"   "5374052"   "5375696"   "5399531"   "5415266"   "5415385"   "5427223"   "5433430"   "5435429"   "5449165"   "5499803"   "5536128"   "5551543"   "5590995"   "5597156"   "5641056"   "5657858"   "5667054"   "5676237"   "5695042"   "5826695"   "5826704"   "5833226"   "5839570"   "5868238"   "5909797"   "5944171"   "5971132"   "5971133"   "5984498"   "6012568"   "6022014"   "6035998"   "6085892"   "6105751"   "6105955"   "6125765"   "6202825"   "6283271"   "6359247"   "6378687"   "6378861"   "6406014"   "6419074"   "6427831"   "6466828"   "6619465"   "6660953"   "6681917"   "6702095"   "6729617"   "6843365"   "6907978"   "6910567"   "7040477"   "7040478"   "7070478"   "RE37747").PN. OR ("1425556"   "1479866"   "1791482"   "1939184"   "2002/0079643"   "2504948"   "2974360"   "3080079"   "3181685"   "3202302"   "3334723"   "3451526"   "3456773"   "3458970"   "3592139"   "3592329"   "3605980"   "3799319"   "3850088"   "4203694"   "4572350"   "4619358"   "5112041"   "5133446"   "5180154"   "5358234"   "5551543"   "5597156"   "5833226"   "5971133"   "6085892"   "6110088"   "6158735"   "6202828"   "6663101"   "6843365"   "7581632"   "7588238"   "777235"). URPN.				
S20	131	"271"/\$.ccls. and glu\$4 same belt\$2	USPAT	OR	OFF	2010/04/24 12:42

S21	1	"6843365".pn.	USPAT	OR	OFF	2010/06/27 18:36
S22	13	("20030175067"   "3687348"   "4318513"   "5188010"   "5197262"   "5433430"   "5695185"   "5769302"   "5848345" "6217692"   "6425969"   "6446789"   "7361246").PN.	US-PGPUB; USPAT	OR	OFF	2010/08/14 07:54
S23	17	("20030175067"   "3456773"   "3687348"   "4318513"   "4619358"   "5188010"   "5197262"   "5282528"   "5433430" "5695185"   "5769302"   "5848345"   "6217692"   "6425969"   "6446789"   "6843365"   "7361246").PN.	US-PGPUB; USPAT	OR	OFF	2010/08/14 07:56
S24	28	("3456773").URPN.	USPAT	OR	OFF	2010/08/14 08:27
S25	1	"6907978".pn.	USPAT	OR	OFF	2010/08/14 11:53
S26	27	("3456773"   "3680677"   "4180150"   "4746003"   "4915209"   "4962841"   "5165516"   "5551543"   "5634562" "5868238"   "5887699"   "5971133"   "6015039"   "6073747"   "6116405"   "6343685"   "6370447"   "6382393" "6464064"   "6513641"   "6581749"   "6595349"   "6662926").PN. OR ("6907978").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/14 12:01
S27	352	("0830196"   "1168865"   "1380691"   "1881895"   "1891782"   "1965056"   "20040104100"   "20040232056"   "20050077144"   "20050274589"   "2254290"   "2322190"   "2451424"   "2468925"   "2754953"   "3036691"   "3044772" "3058565"   "3088581"   "3104004"   "3134476"   "3136430"   "3138238"   "3174613"   "3181685"   "3232409" "3239676"   "3279290"   "3279583"   "3303923"   "3329251"   "3334723"   "3351217"   "3355006"   "3430784" "3456773"   "3470668"   "3490573"   "3504784"   "3527337"   "3592325"   "3608895"   "3710917"   "3768630" "3805954"   "3880298"   "3907128"   "3910402"   "3926298"   "3942624"   "3973672"   "3977537"   "3983988" "4006816"   "4031998"   "4039074"   "4044897"   "4120629"   "4181947"   "4189273"   "4193491"   "4201377" "4249661"   "4269305"   "4311230"   "4319675"   "4328889"   "4330116"   "4369873"   "4372435"   "4380332" "4399675"   "4456242"   "4477066"   "4482142"   "4509732"   "4511030"   "4522384"   "4527792"   "4538161" "4566582"   "4572350"   "4598815"   "4629058"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/14 12:10

		"4696386"   "4703844"   "4724945"   "4726461"   "4730718" "4738347"   "4746003"   "4747477"   "4747817"   "4760908"   "4792034"   "4798275"   "4842125"   "4876664" "4879571"   "4909374"   "4925009"   "4926999"   "4930623"   "4953843"   "4962841"   "4986730"   "5012914" "5026340"   "5029693"   "5042644"   "5048818"   "5083657"   "5092451"   "5112041"   "5117961"   "5125783" "5145049"   "5165516"   "5180154"   "5180504"   "5205394"   "5217103"   "5275272").PN. OR ("5287956"   "5311983"   "5316134"   "5323912"   "5325972"   "5329800" "5333715"   "5333722"   "5374052"   "5375696"   "5399531"   "5415266"   "5427223"   "5433430"   "5435429" "5449165"   "5499803"   "5536128"   "5551543"   "5590995"   "5597156"   "5641056"   "5657858"   "5667054" "5676237"   "5695042"   "5826695"   "5826704"   "5833226"   "5839570"   "5868238"   "5909797"   "5944171" "5971132"   "5971133"   "5984498"   "6012568"   "6035998"   "6085892"   "6105751"   "6105955"   "6125765" "6202825"   "6283271"   "6359247"   "6378687"   "6378861"   "6419074"   "6427831"   "6466828"   "6619465" "6660953"   "6681917"   "6702095"   "6729617"   "6843365"   "6907978"   "6910567"   "7040477"   "7040478" "7070478"   "RE37747").PN. OR ("3181685"   "3334723"   "3456773"   "4572350"   "5112041"   "5180154"   "5551543" "5597156"   "5833226"   "5971133"   "6085892"   "6110088"   "6158735"   "6202828"   "6663101"   "6843365" "7581632").URPN.				
S28	226	("1290862"   "1479866"   "1579545"   "1689201"   "2504948"   "2753181"   "2759283"   "2948381"   "2969866" "3029923"   "3034634"   "3069786"   "3081996"   "3182998"   "3198517"   "3202302"   "3227275"   "3237753" "3240491"   "3277846"   "3291282"   "3343504"   "3395943"   "3440974"   "3470997"   "3473800"   "3491903" "3523618"   "3599967"   "3605980"   "3627108"   "3636958"   "3837466"   "4270879"   "4565478"   "4610347" "4679785"   "4732256"   "4768642"   "4932190").PN. OR ("1425556"   "1479866"   "1791482"   "1939184"   "2002/0079643"   "2504948"   "2974360"   "3080079"   "3202302"   "3451526"   "3458970"   "3592139"   "3592329" "3799319"   "3850088"   "4619358"   "5133446"   "5358234"   "777235").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/14 12:41

S29	350	"0859595"   "1729671"   "1939891"   "1980261"   "1986857"   "20050077670"   "2128316"   "2277511"   "2285537"   "2617647"   "2640578"   "2680615"   "2722305" "2757928"   "2778474"   "2815116"   "2855740"   "2871772"   "2937485"   "2942718"   "2969719"   "2978854" "2986261"   "3018873"   "3045792"   "3080079"   "3104004"   "3104755"   "3118663"   "3153964"   "3166181" "3173557"   "3179234"   "3191747"   "3198308"   "3202302"   "3225684"   "3231068"   "3232417"   "3303923" "3342018"   "3361426"   "3384237"   "3392637"   "3414257"   "3429417"   "3456773"   "3476241"   "3477558" "3561578"   "3592325"   "3592329"   "3592333"   "3608713"   "3612512"   "3621971"   "3645391"   "3651922" "3658322"   "3659840"   "3672313"   "3679043"   "3680692"   "3701407"   "3710923"   "3743090"   "3757926" "3782527"   "3808958"   "3822777"   "3828917"   "3866906"   "3900096"   "3912258"   "3921789"   "3926298" "3983988"   "4014539"   "4077519"   "4135619"   "4147248"   "4174774"   "4200178"   "4201377"   "4225035" "4256222"   "4264002"   "4320340"   "4328889"   "4346799"   "4364465"   "4369873"   "4455018"   "4480742" "4509636"   "4541520"   "4598815"   "4620826"   "4627608"   "4633996"   "4643291"   "4711357"   "4729181" "4730718"   "4732260"   "4798275"   "4819782"   "4842125"   "4962841"   "5027939"   "5090672"   "5165516" "5180154"   "5188355"   "5217104"   "5279095"   "5374052"   "5415385"   "5416992"   "5430282"   "5438188" "5456457"   "5515627"   "5551543").PN. OR ("5609236"   "5743375"   "5868238"   "5947470"   "6022014"   "6343685" "6406014").PN. OR ("3456773"   "3605980"   "3680677"   "4193491"   "4200033"   "4203694"   "4442657"   "4566582" "4798275"   "4962841"   "5282528"   "5600906"   "5887699"   "5971132"   "6164438"   "6382393"   "6595349" "7588238").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/14 12:49
S30	10	("6644459" "6660453" "6938751" "7114608" "4798275" "7287636" "3134476" "4730718" "3456773" "5609236").pn.	US-PGPUB; USPAT	OR	OFF	2010/08/14 13:15

S31	193	"0859595"   "1980261"   "20020134646"   "20020136987"   "20020146634"   "20030168320"   "20040226803"   "2778474"   "2942718"   "2986261"   "3018873"   "3086640"   "3104004"   "3164246"   "3179234"   "3191747"   "3303923"   "3456773"   "3469887"   "3522942"   "3545600"   "3592333"   "3618418"   "3621971"   "3621973"   "3651922"   "3679043"   "3680692"   "3822777"   "3825109"   "3828917"   "3921789"   "3961700"   "3973672"   "3983988"   "4013161"   "4174774"   "4200178"   "4256222"   "4264002"   "4279377"   "4294347"   "4319675"   "4328889"   "4346799"   "4541520"   "4625855"   "4633996"   "4658947"   "4730718"   "4798275"   "4819782"   "4880099"   "4926999"   "4962841"   "5056653"   "5062188"   "5069992"   "5088596"   "5125497"   "5127513"   "5165516"   "5205394"   "5219063"   "5290663"   "5348140"   "5462156"   "5609236"   "5699892"   "5743375"   "5786125"   "5849464"   "5866294"   "5918728"   "5919600"   "5927469"   "5971132"   "6005211"   "6016903"   "6074797"   "6216847"   "6218073"   "6223880"   "6228559"   "6264422"   "6284433"   "6340551"   "6343685"   "6344306"   "6360869"   "6464064"   "6475700"   "6554122"   "6581749"   "6644459"   "6793927"   "RE25673").PN. OR ("3134476"   "3456773"   "4730718"   "4798275"   "5609236"   "6644459"   "6660453"   "6938751"   "7114608"   "7287636").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/14 13:15
S32	2	("6464064" "1980261").pn.	US-PGPUB; USPAT	OR	OFF	2010/08/14 13:39
S33	27	("1671534"   "1931628"   "4010843"   "4715766"   "4962841"   "5220995"   "5238100"   "5291986"   "5609236"   "6158566").PN. OR ("1980261"   "6464064").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/14 13:39
S34	18	("20030175067"   "3456773"   "3687348"   "4318513"   "4619358"   "5188010"   "5197262"   "5282528"   "5433430"   "5695185"   "5769302"   "5848345"   "6217692"   "6425969"   "6446789"   "6843365"   "6907978"   "7361246").PN.	US-PGPUB; USPAT	OR	OFF	2011/01/20 16:43
S35	2	("4674734"   "6381442").PN.	US-PGPUB; USPAT	OR	OFF	2011/01/21 09:29



S36	1904	(271/225,184,69,185).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2011/01/21 23:26
S37	1526	(198/689.1,457.01,457.03,575,605,606).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2011/01/22 15:32
S38	1034	(271/275,198).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2011/01/22 16:11
S39	441	"271"/\$.cls. and belt\$2 with projection\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/01/22 21:33
S40	16	"271"/\$.cls. and belt\$2 with horizontal with projection\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/01/22 21:35
S41	28	"271"/\$.cls. and belt\$2 with (horizontal or lateral) with projection\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/01/22 21:35
S42	2	"271"/\$.cls. and belt\$2 with wide with projection\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/01/22 21:40
S43	0	"271"/\$.cls. and belt\$2 with sideways with projection\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/01/22 21:41

S44	9	"271"/\$.ccls. and belt\$2 with (sideways or lateral or horizontal) with protrusion\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/01/22 21:41
S45	204	"198"/\$.ccls. and belt\$2 with (sideways or lateral or horizontal) with (protrusion\$2 or projection\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/01/22 21:43
S46	7	("2562388"   "2902142").PN. OR ("3633428").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/22 21:56
S47	296	(198/461.1,461.2).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2011/01/22 21:58
S48	212	(271/3.18,3.19).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2011/01/23 11:59
S49	1	10/589153	US-PGPUB	OR	OFF	2011/01/24 09:37
S50	20	(VAN adj DEN adj AKER near4 MARTINUS)".in. "	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/01/24 12:52
S51	9	("2562891"   "2710992"   "3684604"   "5173138"   "5401446"   "5766725").PN. OR ("7832446").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/24 12:54

### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(271/275,198).CCLS.	UPAD	OR	OFF	2011/01/24 17:51
S52	1	(271/225,184,69,270,3.18,3.19).CCLS.	UPAD	OR	OFF	2011/01/24 12:56
S53	0	(198/689.1,457.01,457.03,575,605,606,461.1,461.2).CCLS.	UPAD	OR	OFF	2011/01/24 12:58

1/24/2011 6:04:52 PM

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